



Lyptus

A Comparison of Species



D I S T R I B U T E D B Y



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A Comparison of Species

KEY ● Preferable Levels ○ Acceptable Levels

Property of Timber		Level		Red Alder	Hard Maple	LYPTUS	Red Oak	Cherry	White Oak	Birch	Yellow Poplar	Mahogany	Beech	Soft Maple
		● Preferable Levels	○ Acceptable Levels											
Basic Properties	Density at 12% MC - kg/m ³ - lb/ft ³	–	–	410 26	630 39	650 40	630 39	500 31	680 42	620 38	420 26	450 28	640 39	540 34
	MOR at 12% MC - mPa - lb/in ²	–	–	70 10000	113 16800	118 17000	103 14800	88 12600	109 15600	119 17100	72 10300	83 11800	107 15300	96 13800
	Texture	Fine to Medium	Coarse	●	●	●	●	●	○	●	●	●	○	●
	Grain	Typically straight or shallowly interlocked of which the general direction is straight	Typically interlocked of which the general direction is straight	●	●	●	●	●	●	●	○	●	●	●
	Dimensional Movement	Small	Medium	●	○	○	●	●	○	○	●	●	○	●
	Abrasion Resistance	High to Moderate	Low	●	○	●	●	●	○	○	●	●	○	●
	Hardness	High to Moderate	Low	○	●	●	●	●	●	●	○	●	●	●
Durability (Decay) Resistance	Natural Durability of Heartwood	Moderate to Very Durable	Non-durable	○	○	●	○	●	●	○	○	●	○	○
	Treatability with preservatives or fire retardants	Easily Treated	Moderate Difficulty	○	●	○	○	○	○	○	○	○	●	○
Drying	Drying Rate	Rapid to Moderate	Fairly slow to very slow	●	○	○	○	●	○	●	○	●	○	○
	Tendency to checking during drying	Absent or Controllable	As Preferable Levels	●	○	●	○	●	○	●	●	●	○	○
	Tendency to distortion during drying	Absent or Slight	Moderate	○	○	●	○	●	○	○	●	●	○	○
Machining	Machining	Satisfactory	As preferable levels but more difficult	●	●	●	●	●	●	●	○	●	●	●
	Blunting Effect on Cutters	Slight to Moderate	Severe: acceptable when tipped cutters are used	●	○	●	●	●	○	●	●	○	●	●
	Sanding	Very Good	Satisfactory	●	●	●	●	●	●	●	●	●	●	●
Finishing	Paint Finishing	Very Good	Satisfactory	●	●	●	●	●	●	●	●	●	●	●
	Stain Finishing	Very Good	Satisfactory	●	○	●	●	●	●	●	○	●	●	●
	Tendency to Resin Exudation	Absent or infrequent after drying	Acceptability depends on finish to be used and visual standards required	●	●	●	●	●	●	●	●	●	●	●
Gluing and Fastening	Gluing	Glues Easily	Special Attention Required	●	●	●	●	●	○	●	●	●	●	○
	Nail and Screw holding	High	Moderate	○	○	●	○	○	○	●	●	○	●	○
Miscellaneous Properties	Tendency to Corrode Metals	Absent	Present: only if adequately protected fixings are used	●	●	●	●	●	●	●	●	●	●	●
	Becomes stained in contact with metals	Absent	Present: if visually acceptable or avoidable	●	●	●	●	●	●	●	●	●	●	●
	Staining of neighboring materials by leaching color	Absent	Present: only if not objectionable in particular situations	●	●	●	●	●	●	●	●	●	●	●

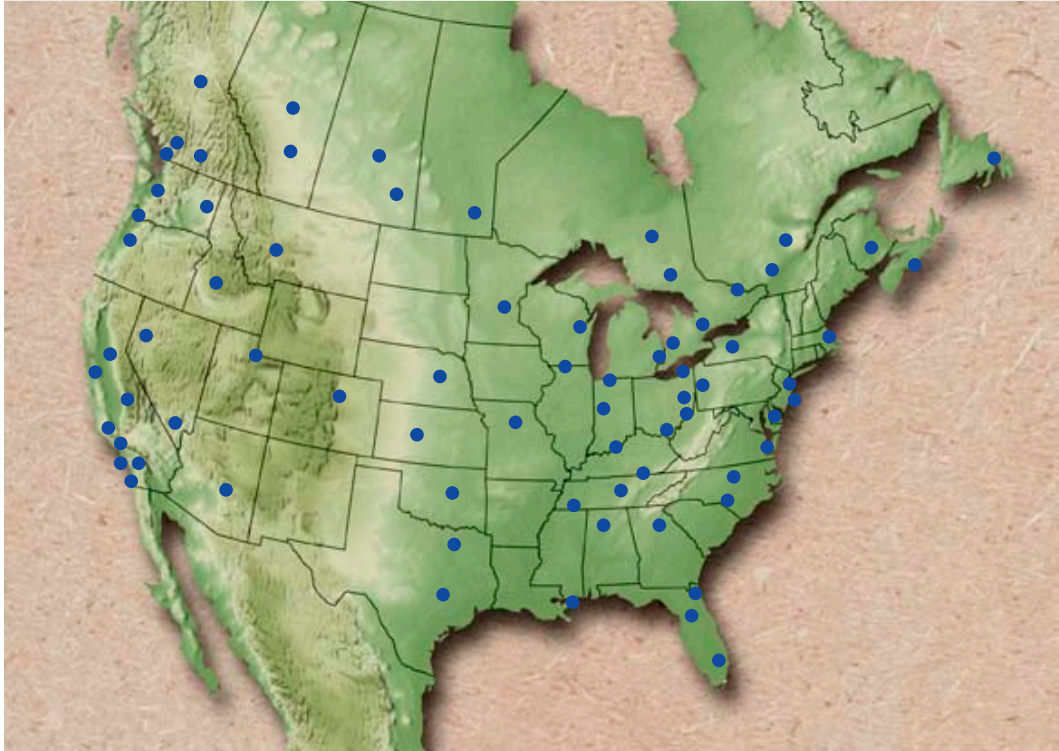


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